

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	0	("4310577" "4643526" "4709991" "4766477" "4804254" "4838654" "4961630" "5019944" "5058997" "5110748" "5147826" "5193020" "5206749" "5256562" "5258325" "5261156" "5308779" "5313076" "5315132" "5317236" "5317433" "5339180" "5341012" "5346850" "5376561" "5436744" "5437762" "5453864" "5472889" "5476810" "5510918" "5543636" "5569610" "5572046" "5576868" "5576869" "5596023" "5608232" "5614733" "5646432" "5654811" "5672518" "5701167" "5705424" "5757456" "5759878" "5766977" "5781164" "5783468" "5786242" "5821138" "5834327" "5858823" "5886366" "5923968" "5962869" "6140980" "6169292" "6187605" "6221701" "6265745" "6376333").PN. and (nitrogent and oxygen and hydroden)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/13 16:35
S2	53	("4310577" "4643526" "4709991" "4766477" "4804254" "4838654" "4961630" "5019944" "5058997" "5110748" "5147826" "5193020" "5206749" "5256562" "5258325" "5261156" "5308779" "5313076" "5315132" "5317236" "5317433" "5339180" "5341012" "5346850" "5376561" "5436744" "5437762" "5453864" "5472889" "5476810" "5510918" "5543636" "5569610" "5572046" "5576868" "5576869" "5596023" "5608232" "5614733" "5646432" "5654811" "5672518" "5701167" "5705424" "5757456" "5759878" "5766977" "5781164" "5783468" "5786242" "5821138" "5834327" "5858823" "5886366" "5923968" "5962869" "6140980" "6169292" "6187605" "6221701" "6265745" "6376333").PN. and (density)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/13 20:57

## EAST Search History

S3	34	("4310577" "4643526" "4709991" "4766477" "4804254" "4838654" "4961630" "5019944" "5058997" "5110748" "5147826" "5193020" "5206749" "5256562" "5258325" "5261156" "5308779" "5313076" "5315132" "5317236" "5317433" "5339180" "5341012" "5346850" "5376561" "5436744" "5437762" "5453864" "5472889" "5476810" "5510918" "5543636" "5569610" "5572046" "5576868" "5576869" "5596023" "5608232" "5614733" "5646432" "5654811" "5672518" "5701167" "5705424" "5757456" "5759878" "5766977" "5781164" "5783468" "5786242" "5821138" "5834327" "5858823" "5886366" "5923968" "5962869" "6140980" "6169292" "6187605" "6221701" "6265745" "6376333").PN. and (density) and channel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/13 21:00
S4	11	("4310577" "4643526" "4709991" "4766477" "4804254" "4838654" "4961630" "5019944" "5058997" "5110748" "5147826" "5193020" "5206749" "5256562" "5258325" "5261156" "5308779" "5313076" "5315132" "5317236" "5317433" "5339180" "5341012" "5346850" "5376561" "5436744" "5437762" "5453864" "5472889" "5476810" "5510918" "5543636" "5569610" "5572046" "5576868" "5576869" "5596023" "5608232" "5614733" "5646432" "5654811" "5672518" "5701167" "5705424" "5757456" "5759878" "5766977" "5781164" "5783468" "5786242" "5821138" "5834327" "5858823" "5886366" "5923968" "5962869" "6140980" "6169292" "6187605" "6221701" "6265745" "6376333").PN. and (density) and channel and (carbon same nitrogen same oxygen)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/13 21:02

## EAST Search History

S5	11	("4310577" "4643526" "4709991" "4766477" "4804254" "4838654" "4961630" "5019944" "5058997" "5110748" "5147826" "5193020" "5206749" "5256562" "5258325" "5261156" "5308779" "5313076" "5315132" "5317236" "5317433" "5339180" "5341012" "5346850" "5376561" "5436744" "5437762" "5453864" "5472889" "5476810" "5510918" "5543636" "5569610" "5572046" "5576868" "5576869" "5596023" "5608232" "5614733" "5646432" "5654811" "5672518" "5701167" "5705424" "5757456" "5759878" "5766977" "5781164" "5783468" "5786242" "5821138" "5834327" "5858823" "5886366" "5923968" "5962869" "6140980" "6169292" "6187605" "6221701" "6265745" "6376333").PN. and (density) and channel and (carbon same nitrogen same oxygen) and atom	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/13 21:08
S6	11	("4310577" "4643526" "4709991" "4766477" "4804254" "4838654" "4961630" "5019944" "5058997" "5110748" "5147826" "5193020" "5206749" "5256562" "5258325" "5261156" "5308779" "5313076" "5315132" "5317236" "5317433" "5339180" "5341012" "5346850" "5376561" "5436744" "5437762" "5453864" "5472889" "5476810" "5510918" "5543636" "5569610" "5572046" "5576868" "5576869" "5596023" "5608232" "5614733" "5646432" "5654811" "5672518" "5701167" "5705424" "5757456" "5759878" "5766977" "5781164" "5783468" "5786242" "5821138" "5834327" "5858823" "5886366" "5923968" "5962869" "6140980" "6169292" "6187605" "6221701" "6265745" "6376333").PN. and (density) and channel and (carbon same nitrogen same oxygen) and atom and hydrogen	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/13 21:09

## EAST Search History

S7	10	("4310577" "4643526" "4709991" "4766477" "4804254" "4838654" "4961630" "5019944" "5058997" "5110748" "5147826" "5193020" "5206749" "5256562" "5258325" "5261156" "5308779" "5313076" "5315132" "5317236" "5317433" "5339180" "5341012" "5346850" "5376561" "5436744" "5437762" "5453864" "5472889" "5476810" "5510918" "5543636" "5569610" "5572046" "5576868" "5576869" "5596023" "5608232" "5614733" "5646432" "5654811" "5672518" "5701167" "5705424" "5757456" "5759878" "5766977" "5781164" "5783468" "5786242" "5821138" "5834327" "5858823" "5886366" "5923968" "5962869" "6140980" "6169292" "6187605" "6221701" "6265745" "6376333").PN. and (density) and channel and (carbon same nitrogen same oxygen same hydrogen) and atom and hydrogen	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/13 22:13
S8	5	("4310577" "4643526" "4709991" "4766477" "4804254" "4838654" "4961630" "5019944" "5058997" "5110748" "5147826" "5193020" "5206749" "5256562" "5258325" "5261156" "5308779" "5313076" "5315132" "5317236" "5317433" "5339180" "5341012" "5346850" "5376561" "5436744" "5437762" "5453864" "5472889" "5476810" "5510918" "5543636" "5569610" "5572046" "5576868" "5576869" "5596023" "5608232" "5614733" "5646432" "5654811" "5672518" "5701167" "5705424" "5757456" "5759878" "5766977" "5781164" "5783468" "5786242" "5821138" "5834327" "5858823" "5886366" "5923968" "5962869" "6140980" "6169292" "6187605" "6221701" "6265745" "6376333").PN. and (density) and channel and (carbon same nitrogen same oxygen same hydrogen) and atom and hydrogen and pixel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/13 21:17

## EAST Search History

S9	1	("4310577" "4643526" "4709991" "4766477" "4804254" "4838654" "4961630" "5019944" "5058997" "5110748" "5147826" "5193020" "5206749" "5256562" "5258325" "5261156" "5308779" "5313076" "5315132" "5317236" "5317433" "5339180" "5341012" "5346850" "5376561" "5436744" "5437762" "5453864" "5472889" "5476810" "5510918" "5543636" "5569610" "5572046" "5576868" "5576869" "5596023" "5608232" "5614733" "5646432" "5654811" "5672518" "5701167" "5705424" "5757456" "5759878" "5766977" "5781164" "5783468" "5786242" "5821138" "5834327" "5858823" "5886366" "5923968" "5962869" "6140980" "6169292" "6187605" "6221701" "6265745" "6376333").PN. and (density) and channel and (carbon same nitrogen same oxygen same hydrogen) and atom and hydrogen and pixel and pixel.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/13 21:20
S10	35	(density) and channel and (carbon same nitrogen same oxygen same hydrogen) and atom and hydrogen and pixel and pixel.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/22 10:55
S11	5	(density) and channel and (carbon same nitrogen same oxygen same hydrogen) and atom and hydrogen and pixel and pixel.clm. and "345"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/13 22:08
S12	2	(density) and channel and (carbon same nitrogen same oxygen same hydrogen) and atom and hydrogen and pixel and pixel.clm. and 345/92.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/13 22:09
S13	1	(density) and channel and (carbon same nitrogen same oxygen same hydrogen) and atom and hydrogen and pixel and pixel.clm. and 345/55.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/22 10:56
S14	74751	"345"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/13 16:36

## EAST Search History

S15	828	"345"/55.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/13 22:13
S16	111	(density) and channel and (carbon same nitrogen same oxygen same hydrogen) and atom and hydrogen and (pixel or TFT or "thin film transistor").clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/13 22:14
S17	83	(density) and channel and (carbon same nitrogen same oxygen same hydrogen) and atom and hydrogen and (pixel or TFT or "thin film transistor").clm. and ("257"/\$.ccls. or "349"/\$.ccls. or "345"/\$.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/18 19:01
S18	20	(density) and channel and (carbon same nitrogen same oxygen same hydrogen) and atom and hydrogen and (pixel or TFT or "thin film transistor").clm. and (("257"/59 or 257/60).ccls. or ("349"/42 or 349/43).ccls. or ("345"/55 or 345/76 or 345/87 or 345/92 ).ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/13 22:19
S19	21	(density) and channel and (carbon same nitrogen same oxygen same hydrogen) and atom and hydrogen and (pixel or TFT or "thin film transistor").clm. and (("257"/59 or 257/60).ccls. or ("349"/42 or 349/43).ccls. or ("345"/55 or 345/76 or 345/87 or 345/92 or 345/205).ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/14 19:56
S20	21	(density) and channel and (carbon same nitrogen same oxygen same hydrogen) and atom and hydrogen and (pixel or TFT or "thin film transistor").clm. and (("257"/59 or 257/60).ccls. or ("349"/42 or 349/43).ccls. or ("345"/55 or 345/76 or 345/87 or 345/92 or 345/205 or 345/7 or 345/8).ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/16 18:46
S21	21	(density) and channel and (carbon same nitrogen same oxygen same hydrogen) and atom and hydrogen and (pixel or TFT or "thin film transistor").clm. and (("257"/59 or 257/60).ccls. or ("349"/42 or 349/43 or 349/11).ccls. or ("345"/55 or 345/76 or 345/87 or 345/92 or 345/205 or 345/7 or 345/8).ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/18 19:02

## EAST Search History

S22	36	(density) and channel and (carbon same nitrogen same oxygen same hydrogen) and atom and hydrogen and (pixel or TFT or "thin film transistor").clm. and (("257"/59 or 257/60 or 257/67 or 257/57 or 257/66 or 257/432).ccls. or ("349"/42 or 349/43 or 349/11 or 349/122 or 349/138).ccls. or ("345"/55 or 345/76 or 345/87 or 345/92 or 345/205 or 345/7 or 345/8).ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/16 18:46
S23	2	"20040027515".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/14 22:43
S24	92	(density) and channel and (carbon same nitrogen same oxygen same hydrogen) and atom and hydrogen and (pixel or TFT or "thin film transistor").clm. and ("257"/\$.ccls. or "349"/\$.ccls. or "345"/\$.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/18 19:01
S26	37	(density) and channel and (carbon same nitrogen same oxygen same hydrogen) and atom and hydrogen and (pixel or TFT or "thin film transistor").clm. and (("257"/59 or 257/60 or 257/67 or 257/57 or 257/66 or 257/432).ccls. or ("349"/42 or 349/43 or 349/11 or 349/122 or 349/138).ccls. or ("345"/55 or 345/76 or 345/87 or 345/92 or 345/205 or 345/7 or 345/8).ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/18 19:02
S27	4	("5349366" or "6545656").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/18 19:40
S28	0	("5453858" "5514879" "5614732" "5849601" "5859445" "6011277" "6023075" "6252249" "6281520" "6306213" "6737676" "7067844" "7098479" "7115902").PN. and (nitrogen and oxygen and hydroden)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/16 12:51
S29	0	("5453858" "5514879" "5614732" "5849601" "5859445" "6011277" "6023075" "6252249" "6281520" "6306213" "6737676" "7067844" "7098479" "7115902").PN. and (nitrogen and oxygen and hydroden)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/16 15:51

## EAST Search History

S30	0	("3877790" "4310577" "4409268" "4643526" "4709991" "4766477" "4804254" "4838654" "4961630" "5019944" "5058997" "5110748" "5147826" "5193020" "5206749" "5256562" "5258325" "5261156" "5264953" "5308779" "5313076" "5315132" "5317236" "5317433" "5339180" "5341012" "5346850" "5376561" "5436744" "5437762" "5453858" "5453864" "5472889" "5476810" "5504020" "5510918" "5514879" "5519521" "5543636" "5569610" "5572046" "5576868" "5576869" "5596023" "5608232" "5614732" "5614733" "5646432" "5654811" "5672518" "5701167" "5705424" "5757456" "5759878" "5766977" "5781164" "5783468" "5786242" "5821138" "5834327" "5849601" "5858823" "5859445" "5886366" "5923968" "5962869" "6011277" "6023075" "6140980" "6169292" "6187605" "6221701" "6252249" "6265745" "6281520" "6306213" "6376333" "6737676" "7067844" "7098479" "7115902").PN. and (nitrogen and oxygen and hydroden)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/16 15:51
S31	45	(density) and channel and (carbon same nitrogen same oxygen same hydrogen) and atom and hydrogen and pixel and pixel.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/22 10:56
S32	41	(density) and channel and (carbon same nitrogen same oxygen same hydrogen) and atom and hydrogen and (pixel or TFT or "thin film transistor").clm. and (("257"/59 or 257/60 or 257/67 or 257/57 or 257/66 or 257/432).ccls. or ("349"/42 or 349/43 or 349/11 or 349/122 or 349/138).ccls. or ("345"/55 or 345/76 or 345/87 or 345/92 or 345/205 or 345/7 or 345/8).ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/16 18:46
S33	24	(density) and channel and (carbon same nitrogen same oxygen same hydrogen) and atom and hydrogen and (pixel or TFT or "thin film transistor").clm. and (("257"/59 or 257/60).ccls. or ("349"/42 or 349/43 or 349/11).ccls. or ("345"/55 or 345/76 or 345/87 or 345/92 or 345/205 or 345/7 or 345/8).ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/16 18:47
S34	2891	((SHUNPEI) near2 (YAMAZAKI)).INV.	US-PGPUB; USPAT	OR	ON	2007/02/16 18:51



## EAST Search History

S35	0	((YASUYKI) near2 (ARAI)).INV.	US-PGPUB; USPAT	OR	ON	2007/02/16 18:49
S36	300	((SATOSHI) near2 (TERAMOTO)).INV.	US-PGPUB; USPAT	OR	ON	2007/10/13 17:17
S37	891	(S35 or S36 or S34) and density and channel and carbon and nitrogen and oxygen and hydrogen	US-PGPUB; USPAT	OR	ON	2007/02/16 18:52
S38	690	(S35 or S36 or S34) and density and channel and carbon and nitrogen and oxygen and hydrogen and pixel and atom	US-PGPUB; USPAT	OR	ON	2007/02/16 18:53
S39	389	(S35 or S36 or S34) and density and channel and carbon and nitrogen and oxygen and hydrogen and pixel and atom and display.clm.	US-PGPUB; USPAT	OR	ON	2007/10/13 17:22
S40	4	(S35 or S36 or S34) and density and channel and carbon and nitrogen and oxygen and hydrogen and pixel and atom and display.clm. and helmet	US-PGPUB; USPAT	OR	ON	2007/10/13 18:00
S41	2	"5475514".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/21 17:48
S42	49	(density) and channel and (carbon same nitrogen same oxygen same hydrogen) and atom and hydrogen and pixel and pixel.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/22 10:55
S43	1	(density) and channel and (carbon same nitrogen same oxygen same hydrogen) and atom and hydrogen and pixel and pixel.clm. and 345/55. ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/22 10:56
S44	49	density and channel and (carbon same nitrogen same oxygen same hydrogen) and atom and hydrogen and pixel and pixel.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/22 15:32
S45	3036	((SHUNPEI) near2 (YAMAZAKI)).INV.	US-PGPUB; USPAT	OR	ON	2007/10/13 17:18
S46	0	((YASUYKI) near2 (ARAI)).INV.	US-PGPUB; USPAT	OR	ON	2007/06/22 10:57
S47	307	((SATOSHI) near2 (TERAMOTO)).INV.	US-PGPUB; USPAT	OR	ON	2007/06/22 10:57

## EAST Search History

S48	0	((YASUYKI) near2 (ARAI)).INV.	US-PGPUB; USPAT	OR	ON	2007/06/22 11:08
S49	255	((YASUYUKI) near2 (ARAI)).INV.	US-PGPUB; USPAT	OR	ON	2007/10/13 17:14
S50	152	(S49 or S45 or S47) and channel and (carbon same nitrogen same oxygen same hydrogen) and atom and density	US-PGPUB; USPAT	OR	ON	2007/06/22 15:28
S51	15264	((345/7 or 345/8 or 345/55 or 345/76 or 345/87 or 345/92 or 345/205).ccls. or (349/11 or 349/42 or 349/43 or 349/122 or 349/138).ccls. or (257/59 or 257/60 or 257/66 or 257/67 or 257/57 or 257/432).ccls.)	US-PGPUB; USPAT	OR	ON	2007/10/13 17:54
S52	49	density and channel and (carbon same nitrogen same oxygen same hydrogen) and atom and hydrogen and pixel and pixel.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/13 17:55
S53	26	S51 and S52	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/22 15:33
S54	1	density and channel and (carbon same nitrogen same oxygen same hydrogen).clm. and atom and hydrogen and pixel and pixel.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/22 15:46
S55	1	(density and channel and carbon and nitrogen and oxygen and hydrogen and atom and hydrogen and pixel and pixel).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/22 15:48
S56	2	(density and carbon and nitrogen and oxygen and hydrogen and atom and hydrogen and pixel).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/22 15:48
S57	2	"5454302".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/13 17:10

## EAST Search History

S58	2	"5454301".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/13 17:10
S59	2	"5454303".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/13 17:10
S60	268	((YASUYUKI) near2 (ARAI)).INV.	US-PGPUB; USPAT	OR	ON	2007/10/13 17:14
S61	309	((SATOSHI) near2 (TERAMOTO)).INV.	US-PGPUB; USPAT	OR	ON	2007/10/13 17:17
S62	3179	((SHUNPEI) near2 (YAMAZAKI)).INV.	US-PGPUB; USPAT	OR	ON	2007/10/13 17:18
S63	3383	S60 or S61 or S62	US-PGPUB; USPAT	OR	ON	2007/10/13 17:18
S64	441	S63 and density and channel and carbon and nitrogen and oxygen and hydrogen and pixel and atom and display.clm.	US-PGPUB; USPAT	OR	ON	2007/10/13 18:04
S65	16	S63 and density and channel and carbon.clm. and nitrogen.clm. and oxygen and hydrogen.clm. and pixel and atom and display.clm.	US-PGPUB; USPAT	OR	ON	2007/10/13 17:25
S66	8	S63 and density and channel and carbon.clm. and nitrogen.clm. and oxygen.clm. and hydrogen.clm. and pixel and atom and display.clm.	US-PGPUB; USPAT	OR	ON	2007/10/13 17:26
S67	8	S63 and density and channel and carbon.clm. and nitrogen.clm. and oxygen.clm. and hydrogen.clm. and pixel and atom.clm. and display.clm.	US-PGPUB; USPAT	OR	ON	2007/10/13 17:27
S68	7	S63 and density and channel.clm. and carbon.clm. and nitrogen.clm. and oxygen.clm. and hydrogen.clm. and pixel and atom.clm. and display.clm.	US-PGPUB; USPAT	OR	ON	2007/10/13 17:27
S69	1	S63 and density.clm. and channel.clm. and carbon.clm. and nitrogen.clm. and oxygen.clm. and hydrogen.clm. and pixel.clm. and atom.clm. and display.clm.	US-PGPUB; USPAT	OR	ON	2007/10/13 17:28

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S70	15921	((345/7 or 345/8 or 345/55 or 345/76 or 345/87 or 345/92 or 345/205).ccls. or (349/11 or 349/42 or 349/43 or 349/122 or 349/138).ccls. or (257/59 or 257/60 or 257/66 or 257/67 or 257/57 or 257/432).ccls.)	US-PGPUB; USPAT	OR	ON	2007/10/13 17:54
S71	57	density and channel and (carbon same nitrogen same oxygen same hydrogen) and atom and hydrogen and pixel and pixel.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/13 17:57
S72	27	S70 and S71	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/13 18:02
S73	1	S72 and channel.clm. and density.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/13 17:59
S74	3179	((SHUNPEI) near2 (YAMAZAKI)).INV.	US-PGPUB; USPAT	OR	ON	2007/10/13 18:00
S75	0	((YASUYKI) near2 (ARAI)).INV.	US-PGPUB; USPAT	OR	ON	2007/10/13 18:00
S76	309	((SATOSHI) near2 (TERAMOTO)).INV.	US-PGPUB; USPAT	OR	ON	2007/10/13 18:00
S77	435	(S75 or S76 or S74) and density and channel and carbon and nitrogen and oxygen and hydrogen and pixel and atom and display.clm.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2007/10/13 18:00
S78	27	S70 and S71	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/13 18:02
S79	1	( density and channel and carbon and nitrogen and oxygen and hydrogen and pixel and atom and display).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/13 18:05
S80	1	( density and carbon and nitrogen and oxygen and hydrogen and pixel and atom and display).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/13 18:05

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S81	2	( carbon and nitrogen and oxygen and hydrogen and pixel and atom and display).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/13 18:06
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